

(43) International Publication Date 18 December 2003 (18.12.2003)

PCT

(10) International Publication Number WO 2003/104601 A3

(51) International Patent Classification7:

E21B 19/16

(21) International Application Number:

PCT/US2003/013787

(22) International Filing Date:

5 May 2003 (05.05.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/387,486

10 June 2002 (10.06.2002) US

(71) Applicant (for all designated States except US): ENVEN-

TURE GLOBAL TECHNOLOGY [US/US]; 16200 A Park Row, Houston, TX 77084 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): BRISCO, David, Paul [US/US]; 405 Westridge Drive, Duncan, OK 73533 (US).

(74) Agent: MATTINGLY, Todd; Haynes and Boone, LLP, Suite 4300, 1000 Louisiana Street, Houston, TX 77002-5012 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, IP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

of inventorship (Rule 4.17(iv)) for US only

Published:

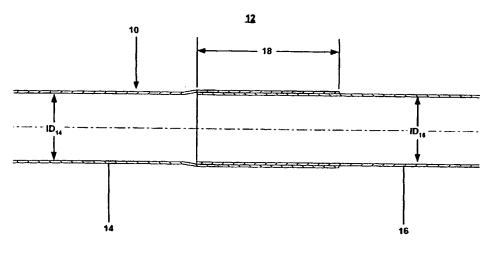
with international search report

before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report: 15 July 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MONO-DIAMETER WELLBORE CASING



(57) Abstract: A mono diameter wellbore casing (14, 16).

INTERNATIONAL SEARCH REPORT

International application No.

		PC1/US	03/13787
A. CLASSIFICATION OF SUBJECT MATTER			
IPC(7) : E21B 19/16			
US CL : 166/380,207			
According J International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols)			
U.S.: 166/120-122,187,206,207,380,382,387			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
East: (diameter\$1 with (casing pipe conduit tub\$5))			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where ap	propriate, of the relevant passa	iges Relevant to claim No.
X	US 6,142,230 A (SMALLEY et al.) 07 November 2000 (07.11.2000), see entire 1-10, 19-36		
•	document, especially Figs 6-11.		
Х	US 6,263,968 B1 (FREEMAN et al.) 24 July 2001 (24.07.2001), see entire document,		
A P	especially Figs. 4-9.		
A, P	P US.6,497,289 B1 (COOK et al.) 24 December 2002 (24.12.2002), see entire document.		
			ł
		•	
			1
	ľ		,

Furthe	r documents are listed in the continuation of Box C.	See patent family an	nex.
• ;	Special categories of cited documents:	"T" later document published	after the international filing date or
"A" documen	at defining the general state of the art which is not considered to	priority date and not in c	conflict with the application but cited to
	nicular relevance	uncerstand the principle	or theory underlying the invention
		"X" document of particular re	elevance; the claimed invention cannot be
"E" earlier a date	pplication or patent published on or after the international filing	considered novel or cann step when the document	ot be considered to involve an inventive
	. 	·	
"L" documents	it which may throw doubts on priority claim(s) or which is cited ish the publication date of another citation or other special reason	"Y" document of particular n	elevance; the claimed invention cannot be
(as speci	fied)	combined with one or me	inventive step when the document is ore other such documents, such
"O" documer	the management of the state of	combination being obvio	sus to a person skilled in the art
O cocumer	it referring to an oral disclosure, use, exhibition or other means	"&" document member of the	same patent family
	at published prior to the international filing date but later than the	Totalions manous of the	·
Date of the actual completion of the international search Date of mailing of the international search report			
•		_	••••••••••••••••••••••••••••••••••••••
	3 (26.06.2003)	Z {	3 MAY 2004
Name and mailing address of the ISA/US		Authorized officer	
Mail Stop PCT, Aun: ISA/US		~ 11	
Commissioner for Patents P.O. Box 1450		Zakiya N. Walker (Children for	
Alexandria, Virginia 22313-1450 Telephone No. (703) 308-2168			
Facsimile No. (703)305-3230			

Form PCT/ISA/210 (second sheet) (July 1998)